

The Sunspot Observations Made in 2000

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We present, photospheric sunspot observations of the year 2000 made at the Istanbul University Observatory

This paper gives the heliographic coordinates for the sunspot groups observed in 2000 and some other results. The photosphere of the Sun is observed on every clear day at the Istanbul University Observatory. A refracting telescope is used for this purpose; the aperture of the objective and focal length are 13 cm. and 200 cm. respectively. Sunspots and faculae are drawn on a projection disk of a diameter of 25 cm. The heliographic coordinates of the sunspot groups are determined by using the Astronomical Almanac for which the Position Angle of the Sun's axis P_0 , Heliographic Latitude B_0 , Longitude L_0 are calculated for the time that observation was made. Each sunspot group is observed for a single rotation of the Sun and the results obtained during this period, are given in Tables and in Figures. In this paper, columns in Table I give the following (1): Current numbers of the groups; (2) and (3): The mean latitude and longitude of each group respectively; (4) and (5): First and last observations of the groups respectively; (6): Evolution of the groups which are classified according to McIntosh Sunspot Group Classification (Solar-Geophysical Data, 1984). The first upper case letter in column gives "Modified Zurich Class". The second upper case letter gives the penumbra of the largest spot. The third upper case letter in the column gives the sunspot distribution. The Figures after these letters give the number of umbrae in each group. The sign "?" denotes a group which was observed at the edge of the disk and could not be identified in the McIntosh Classification. The sign "X" is used to express that the group probably could not be observed on that day, and "-" that no observation was done on that day because of weather conditions or other reasons. In 2000, 509 groups were observed; 263 of them have an average latitude of $+16.0^\circ$ in the North Hemisphere and remaining 246 groups have an average latitude -18.0° in the South Hemisphere. The distribution of the groups according to their latitudes is as follows (see Fig.1). In Table II, number of groups and umbrae are given by decimal numbers for each day; the integer part of these numbers denote the numbers of the groups and the fractional part numbers of umbrae. Letters across these numbers are the abbreviations of the observers' names; the complete names are given at the end of the Table II.

Latitude Intervals	North Hemisphere	South Hemisphere
From 0° to 05°	12	5
From 6° to 10°	35	25
From 11° to 15°	72	65
From 16° to 20°	54	69
From 21° to 25°	58	44
From 26° to 30°	21	15
From 31° to 35°	7	16
From 36° to 40°	4	6
From 40° to 45°	0	1
TOTAL	263	246

Table III and Table IV give the relative Wolf Numbers for the Istanbul University Observatory and the distribution of the groups in types, respectively. Data in Table IV are summarized in Figure 2.

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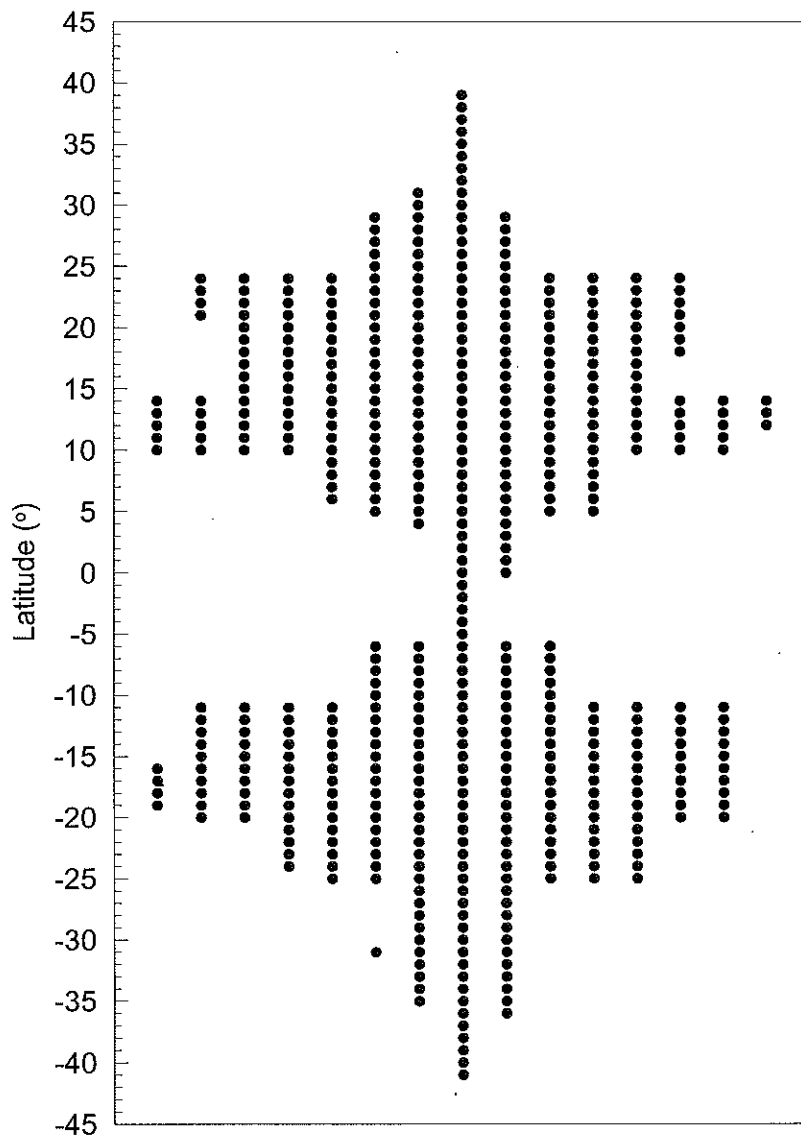


Fig. 1 - Distribution of the groups according to their latitudes.

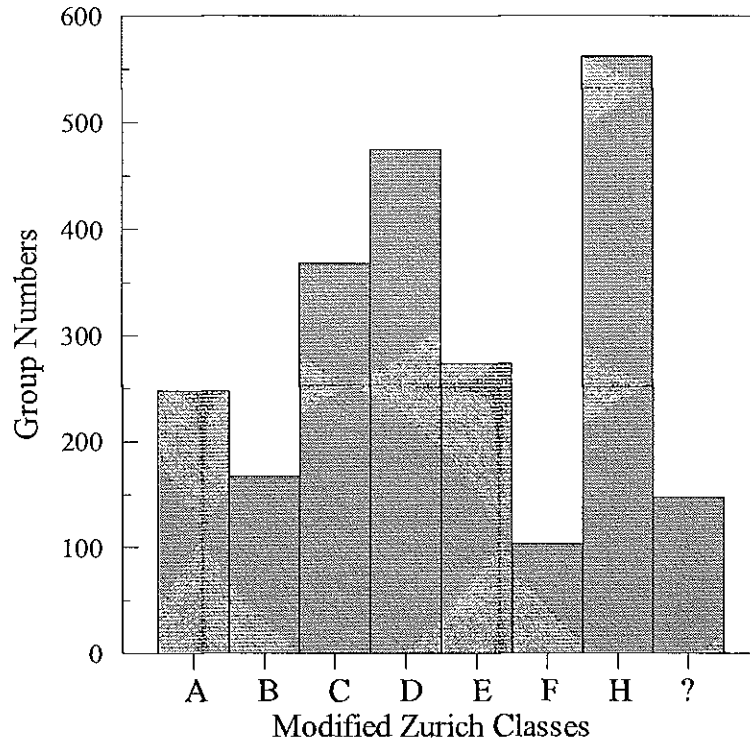


Fig. 2 - Distribution of types of groups

Table 1

Current Number	Heliographic Coordinates		First Observation	Last Observation	Evolution of the groups					
	Latitude	Longitude								
1	10	304	01/01/00	01/04/00	Dao-4	-	-	Ax-5		
2	-17	335	01/01/00	01/04/00	Cao-4	-	-	Dhi-10		
3	22	330	01/04/00	01/04/00	Ha-3					
4	9	310	01/04/00	01/04/00	Ax-2					
5	25	306	01/04/00	01/04/00	Csi-5					
6	17	245	01/12/00	16/01/00	Cao-7	-	Ha-2	Ha-3	?-1	
7	27	209	01/12/00	16/01/00	Ehc-4	-	Hs-1	Cso-4	Hs-2	
8	13	152	01/12/00	16/01/00	Dao-4	-	Dai-9	Cai-8	Cri-5	
9	17	148	01/12/00	23/01/00	Dao-3	-	Dao-6	Cao-3	Cso-3	-
					-	Hs-1	Hs-1	Hs-2	-	Hs-1
10	-13	242	01/12/00	16/01/00	Csi-18	-	Ha-6	Ha-6	Ha-4	
11	-34	196	01/12/00	12/01/00	Cso-10					
12	-21	165	01/12/00	19/01/07	Hr-1	-	Cro-4	Dai-11	Dao-15	-
					-	Bxi-4				
13	-17	233	14/01/00	16/01/00	Hs-1	Cso-5	Cro-3			

Table I (Continued)

14	-17	198	14/01/00	16/01/00	Cri-9	Cro-4	Cro-3			
15	-18	132	14/01/00	23/01/00	Csi-5	Dai-9	Dai-13	-	-	Ekc-18
					Eko-10	Eko-14	-	Ha-2		
16	9	114	15/01/00	16/01/00	Bxo-3	Ax-2				
17	-23	235	15/01/00	15/01/00	Ax-1					
18	-13	105	15/01/00	16/01/00	Ax-1	Bxo-4				
19	11	173	16/01/00	16/01/00	Ax-2					
20	13	64	19/01/00	23/01/00	Csi-6	Cao-5	Csi-7	-	Cro-3	
21	-6	164	19/01/00	17/02/00	Dso-2	Dai-7	Dkc-10	-	?-1	
					Hs-1	Hs-1	Hs-1	Hs-2	-	-
					-	Hs-1	Hs-1	-	Hs-1	Hs-1
22	-16	187	20/01/00	20/01/00	?-2					
23	11	98	21/01/00	23/01/00	Csi-10	-	Cri-7			
24	-25	68	21/01/00	21/01/00	Bxo-7					
25	13	50	23/01/00	23/01/00	Ax-1					
26	-31	20	23/01/00	02/02/00	Cso-2	-	-	Hh-1	Cko-2	Cko-7
					Cao-3	Dso-5	Dao-2	Dao-2	?-4	
27	5	72	26/01/00	29/01/00	Dki-10	Dac-12	Eac-15	?-4		
28	-17	19	26/01/00	01/02/00	Cso-4	Cai-6	Cao-4	Cao-4	Cso-4	Ha-2
					Ha-1					
29	37	332	27/01/00	27/01/00	Ax-1					
30	-17	79	27/01/00	27/01/00	Ax-2					
31	-24	76	27/01/00	27/01/00	Ax-1					
32	-9	310	27/01/00	07/02/00	?-2	Cao-5	Dao-6	Cso-5	Hs-3	Hs-1
					Hs-1	Ha-3	-	Ha-3	Ha-1	Ha-3
33	-26	57	29/01/00	30/01/00	Dro-3	Ax-1				
34	-17	339	29/01/00	30/01/00	Cro-3	Bxo-4				
35	20	350	30/01/00	30/01/00	Ax-2					
36	9	306	31/01/00	01/02/00	Dao-7	Cro-7				
37	26	291	31/01/00	07/02/00	Dai-9	Dai-11	Dsi-17	Dsi-13	-	Cai-19
					Bxo-6	Bxo-4				
38	-37	23	31/01/00	01/02/00	Hr-2	Dao-2				
39	-10	305	01/02/00	01/02/00	Ax-1					
40	-11	242	01/02/00	01/02/00	Ax-1					
41	-36	222	02/02/00	09/02/00	Ha-1	Ha-2	-	Ha-2	Ha-2	Ha-2
					Ha-2	Hr-5				
42	23	334	03/02/00	05/02/00	Bxi-8	-	?-1			
43	-20	276	03/02/00	03/02/00	Cro-2					
44	-16	211	03/02/00	14/02/00	?-1	-	Eso-2	Eso-2	Eso-2	Esi-10
					Eao-8	-	-	-	Cao-3	Cao-2
45	-11	210	03/02/00	09/02/00	?-1	-	Ha-2	Ha-2	Ha-2	Ha-3
					Hr-1					
46	21	289	05/02/00	08/02/00	Dsi-13	Cai-8	Cri-11	Cri-7		
47	25	202	05/02/00	14/02/00	Eai-7	Eai-11	Dao-5	Dao-6	Dao-4	-
					-	-	Hr-2	Hr-2		
48	6	270	06/02/00	09/02/00	Dri-12	Dai-10	Dai-14	Eai-16		
49	27	199	06/02/00	14/02/00	Bxi-11	Dri-12	Dai-16	Dri-9	-	-
					-	Hr-3	Ax-2			
50	-20	275	06/02/00	08/02/00	Cri-7	Cri-9	Ax-5			

Table 1 (Continued)

51	15	240	08/02/00	08/02/00	Ax-5						
52	-14	242	08/02/00	08/02/00	Ax-2						
53	-16	145	08/02/00	09/02/00	?-2	Cao-2					
54	14	150	09/02/00	09/02/00	Ax-1						
55	-16	170	09/02/00	17/02/00	Hr-4	-	-	-	Cri-7	Cai-12	
					-	Dsi-8	Cri-15				
56	-24	169	09/02/00	17/02/00	Dri-17	-	-	-	Cso-5	Hs-1	
					-	Hs-1	Ax-2				
57	19	109	13/02/00	19/02/00	Hs-1	Hs-1	-	Hs-1	Hs-2	-	
					Hs-1						
58	-16	184	13/02/00	14/02/00	Hr-3	Dai-15					
59	-24	117	13/02/00	19/02/00	Cao-4	Eao-6	-	Dai-7	Dai-17	-	
					Eao-19						
60	-28	95	13/02/00	14/02/00	Dao-5	Dro-6					
61	-20	81	13/02/00	14/02/00	?-2	Cro-2					
62	27	188	14/02/00	16/02/00	Hr-3	-	Dao-3				
63	12	133	14/02/00	14/02/00	Ax-1						
64	30	98	14/02/00	14/02/00	Ax-1						
65	-27	151	16/02/00	17/02/00	Dso-2	Dri-7					
66	-10	83	16/02/00	16/01/00	Hs-1						
67	-14	61	16/02/00	17/02/00	Dao-3	Dro-6					
68	-23	69	17/02/00	19/02/00	Cro-4	-	Dao-5				
69	21	16	19/02/00	29/02/00	Hh-1	-	-	-	-	-	
					Hh-7	-	Hh-11	Hh-3	Hh-1		
70	-18	116	19/02/00	19/02/00	Eai-29						
71	9	61	25/02/00	25/02/00	Ax-1						
72	19	357	25/02/00	02/03/00	Dso-3	-	Dai-i2	Dao-4	Dai-9	Cso-2	
					?-1						
73	11	332	25/02/00	02/03/00	Csi-10	-	Ha-6	Ha-4	Ha-4	Ha-6	
					Hr-3						
74	36	307	25/02/00	01/03/00	Hs-2	-	Ha-8	Ha-2	Ha-3	Hr-3	
75	20	293	25/02/00	07/03/00	Fac-3	-	Fac-7	Fac-3	Fkc-12	Fkc-9	
					Fac-8	-	-	Eso-4	-	?-1	
76	-15	347	25/02/00	02/03/00	Dso-3	-	Dri-8	Cao-8	Dai-10	Dri-9	
					Cro-4						
77	-16	330	25/02/00	05/03/00	Ekc-10	-	Ekc-30	Ekc-4	Ekc-31	Ekc-27	
					Ekc-24	-	-	?-1			
78	-11	319	25/02/00	27/02/00	Ha-1	-	Ax-2				
79	-18	278	25/02/00	03/04/00	?-3	-	Ekc-14	Ekc-8	Ekc-32	Ekc-36	
					Ekc-14	-	-	Ekc-26	-	Fki-14	
					Fko-5	Ha-1	Cai-5	Dai-14	Dac-11	Eac-15	
					Eac-28	Eai-32	Dai-26	Dri-17	Cro-4	Hr-1	
80	4	270	27/02/00	01/03/00	Hr-4	x	Ha-2	Hr-2			
81	-21	2	27/02/00	27/02/00	Bxo-5						
82	14	343	29/02/00	01/03/00	Hs-2	Ax-2					
83	19	235	29/02/00	05/03/00	?-2	Dao-11	Cao-12	-	-	Hr-3	
84	-35	306	02/03/00	02/03/00	Ax-1						
85	-37	297	02/03/00	05/03/00	Cro-3	-	-	Cso-5			

Table I (Continued)

86	-17	230	05/03/00	09/03/00	Dai-19	-	Eac-15	Eac-30	Eai-33	
87	-11	227	05/03/00	09/03/00	Ax-7	-	Ha-6	Ha-7	Ha-3	
88	-15	198	05/03/00	13/03/00	Cai-14	-	Eki--30	Eki--30	Eki--31	-
					-	-	Eko-5			
89	-14	159	05/03/00	15/03/00	?-1	-	Dao-3	Ha-2	Hr-1	-
					-	-	Bxo-2	-	Cri-5	
90	-13	184	07/03/00	15/03/00	Dao-3	Dao-7	Dai-7	-	-	-
					Cai-6	-	?-1			
91	-18	172	07/03/00	09/03/00	Ha-2	Dai-10	Ha-3			
92	-19	142	07/03/00	13/03/00	Ha-1	Ha-3	Hr-3	-	-	-
					Ax-4					
93	25	199	08/03/00	13/03/00	Bxi-10	Cai-8	-	-	-	Eai-8
94	-7	171	08/03/00	09/03/00	Ax-4	Ax-4				
95	-16	125	08/03/00	15/04/00	?-11	Ekc-22	-	-	-	Ekc-33
					-	Dkc-34	-	-	-	-
					?-6	Dao-4	Dai-8	Dac-15	Dac-24	Eac-32
					Eac-38	-	Dai-26	-	Dao-3	Bxo-3
96	-22	106	09/03/00	09/03/00	?-1					
97	11	70	13/03/00	24/03/00	Dai-6	-	Dkc-15	-	-	-
					-	Ekc-58	-	Ekc-34	-	?-3
98	-31	73	13/03/00	20/03/00	Cao-5	-	Cao-3	-	-	-
					-	Hr-1				
99	10	155	15/03/00	15/03/00	Bxo-2					
100	-17	41	15/03/00	15/03/00	Cro-3					
101	25	90	20/03/00	20/03/00	Ax-1					
102	31	55	20/03/00	14/04/00	Cao-14	-	Eki--13	-	Eko-3	?-1
					?-2	-	Bxi-11	-	Ax-2	
103	19	42	20/03/00	26/03/00	Dai-12	-	Dai-26-	Dai-13	Dao-7	?-1
104	22	10	20/03/00	28/03/00	Ha-4	-	Hs-1	-	Hs-1	Hs-1
					Hs-1	Hs-1	Ha-1			
105	11	356	20/03/00	29/03/00	Cao-14	-	Cao-11	-	Cao-12	Cso-9
					Csi-7	Hs-2	Hs-2	Hs-1		
106	23	342	20/03/00	22/03/00	Ax-1	-	Bxo-4			
107	-16	46	20/03/00	26/03/00	Eao-20	-	Eai-15	-	Eao-13	Eai-9
					?-3					
108	-18	319	20/03/00	30/03/00	?-2	-	Dai-12	-	Dkc-32	Dai-21
					Eai-24	Dac-13	Dai-17	Dai-16	Dro-5	
109	13	320	22/03/00	22/03/00	Hr-4					
110	-27	324	22/03/00	26/03/00	Cro-5	-	Cro-2	Cro-2	Ax-2	
111	17	359	24/03/00	23/04/00	Dsi-10	Cai-20	Dao-12	Cro-14	Eai-11	Ha-1
					Hs-1	Ax-2	-	Hr-5	Ha-15	Hk-18
					-	-	Ha-9	Ax-3		
112	10	289	24/03/00	03/04/00	Ha-3	Cao-9	Dac-12	Dac-23	Dkc-4	Dkc-20
					Dkc-23	Dki-16	Dki-17	Dki-11	Dai-8	
113	19	284	24/03/00	02/04/00	?-2	Eai-6	Eao-6	Hs-1	Hs-1	Hs-1
					Ha-3	Hs-1	Hr-1	Ax-1		
114	-11	13	24/03/00	27/03/00	Dao-9	Dao-16	Dao-17	Dao-3		
115	-26	274	24/03/00	25/03/00	Ha-1	Hr-2				

116	-10	273	24/03/00	26/03/00	?-2	Hr-1	Hr-1				
<i>Table 1 (Continued)</i>											
117	-36	272	25/03/00	25/03/00	Ax-2						
118	-15	267	25/03/00	26/03/00	Bxo-3	Bxo-5					
119	-15	243	26/03/00	23/04/00	?-2	Csi-5	Hs-1	Hs-1	Hs-2	Ha-2	
						Hs-1	Hs-2	Hs-2	-	Dai-7	Dai-5
						Ax-2					
120	17	262	27/03/00	26/06/00	Ha-2	Da0-5	Dao-6	Cro-8	Dro-5	Dri-13	
					Dai-15	Dai-17	Eai-7	Eko-12	Eko-18	-	
					Eki-25	-	-	-	-	Eko-14	
					Eko-10	-	?-3	Hk-2	Hk-2	Hk-2	
					Hk-3	Hk-3	-	-	Cki-14	Dai-12	
					Ha-3	Ha-6	Ha-3	?-3	?-3	Dkc-13	
					-	Dkc-33	Dkc-17	Dkc-20	Dki-21	Ekc-33	
					Dki-27	Ehi-21	Hh-1	Hk-1			
121	21	250	27/03/00	29/03/00	Hr-3	Hr-3	Ax-3				
122	13	277	28/03/00	28/03/00	Ax-1						
123	-16	265	28/03/00	26/05/00	Hr-3	Csi-14	Dai-10	Dai-12	Dai-17	Dai-13	
					Dai-9	-	Dao-4				
					Eki-8	Ekc-46	-	Ekc-36	-	-	
					-	-	Ekc-25	Dkc-13	-	?-2	
					Hs-1	Hs-2	Hs-2	Csi-7	Cao-3	Cao-6	
					-	-	Bxo-3				
124	11	321	29/03/00	29/03/00	Hr-3						
125	-8	244	29/03/00	06/04/00	Bxi-7	Dai-11	Dai-18	Dai-8	Dai-18	Cai-9	
					-	Ha-1	Ax-2				
126	-17	204	29/03/00	10/04/00	?-3	Dkc-15	Dkc-20	Dkc-31	Dkc-35	Dkc-15	
					-	Dkc-28	Dkc-15	Ha-1	Ha-2	Ha-1	
					Ha-2						
127	24	212	30/03/00	30/03/00	Ax-4						
128	12	199	30/03/00	03/04/00	Ha-1	Ha-1	Ha-2	Ha-2	Ax-6		
129	-8	206	30/03/00	01/04/00	Hr-5	Hs-3	Ax-1				
130	22	196	31/03/00	10/04/00	Ha-3	Cai-10	Cai-13	Cai-7	-	Dai-6	
					Dai-9	Hs-2	Hs-1	Cso-2	Hs-1		
131	-13	232	31/03/00	03/04/00	Bxo-3	Cro-5	Dao-9	Ax-1			
132	22	232	01/04/00	07/04/00	Dri-11	Dai-11	Dao-5	-	Dai-6	Ha-2	
					Ha-2						
133	-23	275	01/04/00	01/04/00	Ax-1						
134	-14	239	01/04/00	03/04/00	Bxo-8	Bxi-11	Bxo-2				
135	-19	163	01/04/00	06/04/00	?-3	Dao-5	Dao-5	-	Eao-6	Cro-4	
136	7	235	02/04/00	02/04/00	Ax-3						
137	23	210	02/04/00	02/04/00	Ax-1						
138	7	166	02/04/00	09/04/00	Ha-2	Ha-1-	Ha-1	Ha-2	Ha-2	Ha-5	
					Hr-2						
139	-21	314	02/04/00	02/04/00	Ax-1						
140	-18	228	02/04/00	02/04/00	Bxi-11						
141	16	249	05/04/00	06/04/00	Ax-2	Ax-2					
142	-6	210	06/04/00	06/04/00	Ax-1						
143	-19	105	06/04/00	17/04/00	Hk-2	Eko-4	Hk-1	Hk-3	Ha-4	-	
					Hs-3	-	Ha-2	Ha-2	-	Ha-2	

144	12	82	08/04/00	19/04/00	Dko-2	Cso-2	Hs-1	-	Hs-1	-
<i>Table I (Continued)</i>										
					Hs-3	Ha-5	-	Ha-3	Ha-2	Ha-2
145	-24	108	08/04/00	09/04/00	Ax-1	Ax-1				
146	12	66	09/04/00	15/04/00	AX-1	Hr-1	-	Dao-9	-	Cso-2
					Bxo4					
147	-14	120	09/04/00	09/04/00	Ax-1					
148	-34	111	09/04/00	09/04/00	Ax-1					
149	-14	58	09/04/00	18/04/00	?-1	Hs-2	-	Hs-3	-	Cao-8
					Cro-4	-	Hr-1	Hr-1		
150	-19	62	10/04/00	17/04/00	Bxo-2	-	Cai-16	-	Dao-6	Cao-10
					-	Bxo-4				
151	27	38	12/04/00	12/04/00	Bxi-6					
152	-22	31	12/04/00	23/04/00	Ehi-9	-	Eki--8	Eko-14	-	Eko-9
					Eko-7	Eao-12	-	-	Eao-9	?-5
153	19	98	14/04/00	17/04/00	Cri-14	Dri-9	-	Hr-3		
154	22	180	14/04/00	23/04/00	Hs-1	Hs-1	-	Hs-1	Hs-1	Hs-1
					-	-	Ha-2	Ha-1		
155	34	17	17/04/00	19/04/00	Hr-3	Ha-2	Ha-3			
156	-17	320	18/04/00	18/04/00	Hr-2					
157	-13	306	18/04/00	19/04/00	Ha-1	Ha-2				
158	17	37	19/04/00	19/04/00	Hr-3					
159	-12	332	19/04/00	23/05/00	Hr-1	-	-	Dho-11	Dso-7	-
					Dso-7	?-6	Dkc-11	Dkc-15	-	Ekc-40
					Dkc-20	Eac-22	Ekc-29	Ekc-37	Dac-19	Dac-26
160	20	301	19/04/00	21/06/00	Dao-4	-	-	Eao-15	Eai-22	-
					Eac-21	-	-	-	-	?-1
					?-5	-	Ekc-24	Ekc-32	Eki--38	Fki-38
					Fhi-47	Ekc-23	Ehi-40	-	-	Eko-7
					?-5	?-1	Hk-1	Hk-3	Hk-5	Ha-6
					Ha-12	-	Ha-15	Hr-5	Ha-7	Hr-3
161	20	331	22/04/00	25/04/00	Ax-3	Dao-10	-	Dao-13		
162	33	328	22/04/00	25/04/00	Dao-15	Eai-28	-	Eao-20		
163	12	286	22/04/00	25/04/00	Ha-3	Cao-5	-	Ha-3		
164	-17	318	22/04/00	25/04/00	Cao-3	Dai-9	-	Dai-11		
165	-14	244	23/04/00	23/04/00	Ax-2					
166	18	235	30/04/00	05/05/00	Ha-3	Cao-5	-	Csi-8	Bxi-5	Bxo-2
167	-14	248	30/04/00	03/05/00	Cro-6	Cro-6	-	Ha-1		
168	-13	238	30/04/00	05/05/00	Dao-12	Cai-7	-	Ha-1	Hs-1	Hs-1
169	-15	224	30/04/00	30/04/00	Ax-2					
170	-17	168	30/04/00	10/05/00	Cro-3	Hr-1	-	Ha-6	Hr-2	Ax-2
					Ax-4	Cri-5	-	Ax-4	Bxo-3	
171	-23	170	01/05/00	05/05/00	Cro-6	-	Bxi-11	Dro-8	Cso-4	
172	-10	165	01/05/00	01/05/00	Ax-1					
173	25	102	04/05/00	07/05/00	Cao-4	Cao-5	Hr-2	Cri-7		
174	-20	153	04/05/00	05/05/00	Csi-7	Hs-2				
175	15	94	05/05/00	05/05/00	Ax-1					
176	-16	226	05/05/00	05/05/00	Hs-2					
177	-15	134	05/05/00	05/05/00	Bxo-7					

178	-18	101	06/05/00	06/05/00	Bxi-4						
<i>Table 1 (Continued)</i>											
179	10	112	07/05/00	07/05/00	Bxo-5						
180	-25	158	07/05/00	11/05/00	Bxo-4	-	Bxi-5	Dao-3	?-3		
181	17	83	09/05/00	07/06/00	Hk-16	Dki-16	Dkc-13	Dkc-18	Dki-13	Dkc-8	
					Dkc-8	?-1	-	Hs-1	Hs-1	Hs-1	
					Hr-1	Ax-2					
182	13	63	09/05/00	18/05/00	Dai-12	Cai-18	Dki-21	Dkc-29	Dki-23	Dki-18	
					Dki-17	-	Dko-7	Hk-1			
183	15	35	09/05/00	15/05/00	Cai-5	Cai-6	Cai-12	Cao-12	Ha-3	Hr-3	
					Ax-1						
184	11	19	09/05/00	17/05/00	?-1	Hk-1	Hk-3	Hs-2	Hs-1	Hs-3	
					Ax-3	-	Hr-4				
185	-17	127	09/05/00	09/05/00	Ax-1						
186	-24	86	09/05/00	15/05/00	Cai-7	Dsi-14	Dac-20	Dac-24	Dai-20	Dai-17	
					Dao-6						
187	10	83	10/05/00	11/05/00	Cai-6	Bxi-7					
188	25	101	11/05/00	12/05/00	Ax-2	Ax-2					
189	-20	65	11/05/00	11/05/00	Ax-2						
190	-17	5	11/05/00	15/05/00	Hs-1	Hs-1	Ha-2	Ha-2	Bxo-4		
191	8	116	12/05/00	12/05/00	Ax-2						
192	18	71	12/05/00	12/05/00	Ax-2						
193	19	60	12/05/00	12/05/00	Ax-2						
194	-21	31	12/05/00	12/05/00	Ax-2						
195	-22	342	12/05/00	20/06/00	?-6	Ekc-13	Ekc-18	Ekc-25	-	Ekc-40	
					Ekc-51	Ekc-18	Ekc-31	Ekc-38	Dki-19	Dki-20	
					?-1	Hk-2	Ekc-7	Fkc-20	Fko-15	Hk-8	
					Hk-7	Hk-7	Hk-11	-	Hk-1	Hk-2	
					Hk-1						
196	15	46	13/05/00	13/05/00	Ax-1						
197	9	28	13/05/00	13/05/00	Ax-2						
198	20	333	13/05/00	17/05/00	?-3	Dao-6	Bxo-5	-	Ax-6		
199	10	85	14/05/00	15/05/00	Hr-1	Ax-2					
200	-21	56	14/05/00	18/05/00	Hr-2	Bxi-5	-	Cai-11	Cai-5		
201	-23	22	14/05/00	14/05/00	Ax-1						
202	-14	339	14/05/00	17/05/00	Dao-4	Cao-3	-	Ax-3			
203	-12	359	15/05/00	15/05/00	Bxo-2						
204	11	316	17/05/00	26/05/00	Dso-16	Dso-9	Dac-13	Dkc-13	Dkc-15	Dkc-11	
					Dkc-32	-	-	?-7			
205	-32	298	17/05/00	17/05/00	Hr-1						
206	-42	334	18/05/00	18/05/00	Ax-2						
207	20	266	19/05/00	29/05/00	Cri-5	Cai-9	Cai-19	Cai-8	Cso-9	-	
					-	Dsi-16	Dai-10	Cro-2	Ax-2		
208	16	294	19/05/00	19/05/00	Cro-3						
209	20	331	20/05/00	23/05/00	Bxi-11	Cri-11	Ax-1	Hr-1			
210	-31	344	20/05/00	20/05/00	Bxo-3						
211	6	321	22/05/00	22/05/00	Ax-3						
212	-5	11	22/05/00	22/05/00	?-2						
213	18	266	23/05/00	28/05/00	Ax-3	-	-	Csi-14	Bxi-4	Bxo-4	

214	12	263	23/05/00	26/05/00	Ax-1	-	-	Ax-3		
215	26	209	23/05/00	29/05/00	Hr-1	-	-	Ax-1	x	Ax-1
<i>Table 1 (Continued)</i>										
					Ax-1					
216	-34	288	23/05/00	23/05/00	Ax-4					
217	-20	266	23/05/00	23/05/00	Ax-2					
218	9	243	26/05/00	26/05/00	Ax-2					
219	-37	255	26/05/00	26/06/00	Ha-5	Dai-18	Eao-8	Dao-5	?-3	
					Bxo-3	-	Cro-4	Hr-1	Ha-2	Ax-2
					Bxo-7	Dsi-13	Eso-24	Eao-18	Cao-2	
220	-22	242	26/05/00	31/05/00	Csi-12	Dai-18	Dai-13	Dai-8	Dao-6	Hr-2
221	-14	174	26/05/00	28/07/00	Fhi-10	Fhi-20	Fki-20	Fki-18	Fki-31	Fki-20
					Fki-41	-	Fhi-26	Cho-11	Hh-2	?-1
					Hh-1	Hh-2	Hh-1	Hh-10	Hh-2	Hh-3
					-	Hh-7	x	-	Hh-1	Hh-1
					Hh-1	Hk-2	Hk-2	Ha-3	-	Ha-6
					Ha-5	Ha-12	Hs-3	Hr-1	Ax-1	
222	3	211	28/05/00	30/05/00	Dro-4	Cao-4	Cro-5			
223	3	186	28/05/00	30/05/00	Hr-3	Hr-4	Ax-2			
224	-20	272	28/05/00	28/05/00	Ax-1					
225	-22	138	28/05/00	01/06/00	Hr-1	Ha-3	Cai-8	Ha-8	Hr-2	
226	-4	202	29/05/00	01/06/00	Cro-3	Dai-11	Dao-8	Dri-13		
227	15	229	31/05/00	01/06/00	Bxi-4	Bxo-4				
228	23	148	31/05/00	04/06/00	Ax-3	Ax-4	-	x	Bxi-8	
229	15	193	01/06/00	04/06/00	Ax-1	-	Bxi-6	Ha-2		
230	2	161	01/06/00	01/06/00	Ax-1					
231	7	123	01/06/00	01/06/00	Hr-2					
232	22	65	01/06/00	07/07/00	?-4	-	Ekc-16	Ekc-31	Fkc-13	Fkc-30
					Fkc-32	Fhc-43	Fhc-25	Eho-13	Dho-7	Cho-5
					Hh-1	Hh-2	Hs-1	Hs-1	Ha-6	Hr-3
					Hr-1	x	Ax-3			
233	-16	120	01/06/00	01/06/00	Ax-2					
234	10	166	03/06/00	03/06/00	Ax-2					
235	-14	190	03/06/00	03/06/00	Ax-2					
236	-6	178	03/06/00	03/06/00	Ax-1					
237	-13	137	03/06/00	06/07/00	Dsi-13	Dsi-13	Dso-7	Eac-20	Csi-12	Cai-6
					?-1	?-1	Hs-2	Hs-1	-	Hs-1
					Hs-1	-	Hs-1	Hs-5	Hs-2	Hs-1
					Hs-1	?-1				
238	11	125	04/06/00	09/06/00	Bxi-6	Bxo-6	Cao-7	Dao-11	Cao-8	Bxo-4
239	-33	146	04/06/00	08/06/00	Cai-9	Cai-10	Cao-4	Cai-8	?-1	
240	11	67	04/06/00	04/06/00	Bxi-8					
241	22	17	05/06/00	16/06/00	?-1	Fko-8	Fki-26	Fki-32	Fkc-43	Fki-34
					Fki-59	Fki-38	Fki-43	Fki-37	Fki-28	Fki-22
242	-12	17	06/06/00	16/06/00	Hs-1	Hs-1	Hs-2	Hs-1	Hs-2	Hs-1
					Hs-3	Hs-1	Hs-2	Hs-2	Hs-1	
243	-17	58	07/06/00	10/06/00	Dao-10	Dai-8	Cso-6	Dro-4		
244	-17	44	08/06/00	11/06/00	Dro-4	Dao-5	Dro-7	Ax-1		
245	21	108	09/06/00	10/06/00	Bxo-5	Hr-1				
246	11	68	09/06/00	12/06/00	Dao-6	Dri-15	Cri-10	Ax-2		

247	14	47	11/06/00	15/06/00	Bxo-7	Csi-6	Csi-6	Cai-12	Cai-5	
248	16	30	11/06/00	16/06/00	Bxi-8	Dai-12	Dai-11	Dai-20	Eai-9	Eao-7
<i>Table 1 (Continued)</i>										
249	7	29	11/06/00	16/06/00	Cri-11	Dai-10	Dao-18	Dao-14	Dao-4	Hs-1
250	21	339	11/06/00	18/06/00	Cri-11	Dao-11	Dsi-21	Eai-9	Dso-11	Cso-11
					-	Ax-2				
251	25	349	13/06/00	14/06/00	Cro-3	Ax-3				
252	22	284	13/06/00	24/06/00	?-5	Fki-19	Fki-26	Fki-44	-	Fkc-53
					Fkc-27	Fki-42	Fko-10	Cao-17	Cao-13	Cai-16
253	-20	58	14/06/00	14/06/00	Ax-1					
254	-19	42	14/06/00	16/06/00	Hr-1	Dao-2	Ax-2			
255	-14	318	14/06/00	14/06/00	Bxi-5					
256	26	1	15/06/00	15/06/00	Ax-1					
257	19	319	15/06/00	15/06/00	Ax-1					
258	6	328	16/06/00	21/06/00	Ax-2	-	Dai-14	Dai-9	Dso-3	Hs-2
259	-16	27	16/06/00	16/06/00	Cai-6					
260	29	282	18/06/00	18/06/00	Hr-1					
261	18	235	18/06/00	21/06/00	Ax-1	Hr-1	Hs-2	Hr-1		
262	-28	1	18/06/00	18/06/00	Ax-1					
263	-15	318	18/06/00	18/06/00	Ax-3					
264	-13	293	18/06/00	24/06/00	Cro-4	Cro-3	Hs-8	Dai-18	Dai-16	Dai-10
					?-4					
265	4	224	19/06/00	21/06/00	Bxo-2	Hr-1	Ax-1			
266	-29	298	19/06/00	21/07/00	Cro-3	Dai-11	Cai-4	Cso-4	Hs-1	
					Hs-1	Hs-1	Hs-1	Hs-1	Hs-1	Hs-1
					Hs-1	Hs-1	Hs-1	Hs-1	Hs-1	Hs-1
					Hs-1					
267	11	194	20/06/00	25/08/00	Dso-3	Hs-1	Cao-2	Bxo-6	Cro-12	Dai-22
					Dki-13	-	Ehi-26	Eho-19	-	?-2
					?-1	?-7	Fai-14	Fkc-24	Fsc-36	Fsi-25
					Fko-39	-	Fsc-41	Fsc-33	Fsc-66	Fhc-28
					Fhc-30	?-3	?-1	?-1	Hs-1	Hs-2
					Hs-1	Hs-5	Hs-1	Hs-2	Hs-3	Hs-3
					Hs-7	Dai-11	Dac-8	Dac-10		
268	20	173	21/06/00	03/07/00	?-1	Hs-1	Hs-1	Hs-1	Hs-3	Hs-2
					-	Hs-1	Hs-2	Hs-1	Hs-1	Hs-1
269	-21	249	21/06/00	21/06/00	Ax-5					
270	14	158	22/06/00	17/08/00	?-1	Hh-1	Hh-1	Hh-1	Hh-1	-
					Hh6	Hh-5	-	Hh-1	Hh-4	Hh-2
					Hh-1	?-1	Hs-1	Hs-1	-	Hs-1
					Hs-1	Hs-1	Hs-1	Hs-1	Hs-1	Hs-1
					Hs-1	Hs-1	Hr-1	Hr-1		
271	13	251	23/06/00	23/06/00	Ax-2					
272	15	188	23/06/00	26/06/00	Ax-3	Cri-14	Csi-10	Bxi-6		
273	-15	233	23/06/00	14/08/00	Csi-5	Csi-14	Dai-19	Dai-19	-	Eki-8
					?-1	Hs-1	Hk-3	Dki-16	Dkc-16	Fkc-56
					Fhc-68	Fac-54	Fac-58	-	Fac-37	Fac-24
					Fkc-20	?-4	Dai-7	Bxi-5	Bxi-16	Bxi-4
274	24	207	24/06/00	24/06/00	Ax-1					
275	-3	215	24/06/00	24/06/00	Bxo-4					

276	-32	143	24/06/00	26/06/00	Hr-2	Ax-1	Bxi-4				
277	-18	119	25/06/00	07/07/00	?-1	Chi-8	-	Chi-27	Ekc-19	-	
<i>Table I (Continued)</i>											
					Eki--20	Dki-23	Cki-19	Hk-4	Hk-6	Hk-3	
					Hk-3						
278	27	134	26/06/00	05/07/00	Bxo-4	-	Esi-22	Eai-18	-	Csi-13	
					Bxo-4	Ax-3	Hr-2	Ax-3			
279	11	177	28/06/00	28/06/00	Ax-4						
280	-22	229	28/06/00	28/06/00	Bxi-4						
281	13	60	29/06/00	07/07/00	?-1	-	Cso-7	Cri-13	Dai-15	Dao-10	
					Csi-10	Cro-4					
282	-11	209	29/06/00	29/06/00	Ax-1						
283	-20	64	29/06/00	07/08/00	?-1	-	Hh-1	Hh-1	Hh-1	Hh-2	
					Hh-1	Hh-1	Hh-1	-	Hh-2	Hh-2	
					Hh-1	Hs-1	Hs-1	Hs-1	Hs-1	Hs-3	
					Dsi-15	Hs-11	Hs-6	Hs-3	Hs-2	Hs-1	
					Hs-1						
284	-20	50	01/07/00	12/07/00	Cao-4	Cri-20	Eai-21	Ehi-18	Dsi-22	Dsc-22	
					Dki-30	-	Dac-41	Dac-16	Eac-17	?-3	
285	-13	40	01/07/00	06/07/00	?-1	Hs-1	Hs-1	Ha-3	Hr-4	Ax-3	
286	18	33	02/07/00	03/09/00	Hr-1	Ha-1	Dai-8	Dai-23	Dki-24	Ekc-48	
					-	Fkc-44	Fkc-26	Fkc-41	Fkc-26	Fko-13	
					?-2	Hs-1	Hs-1	Hs-1	Hs-1	Hs-2	
					Dsi-9	Hs-1	Hs-1	Cso-2	Hs-1	Hs-1	
					Hs-1	Hs-1	?-1	?-1	Hs-1	Hs-1	
					-	Hs-1	-	Hs-1	Hs-2	Hs-3	
					Hs-1	Hs-1					
287	-7	199	02/07/00	25/07/00	?-2						
					?-3	Cao-4	Ha-4	Cso-4	Cso-5	Hs-1	
					-	Hs-1	Hr-1	Hr-3			
288	15	42	05/07/00	05/07/00	Hr-4						
289	13	354	05/07/00	10/07/00	Hr-1	Ax-1	Hr-5	-	Hr-3	Ax-1	
290	-21	15	05/07/00	10/08/00	Hs-1	Bxi-8	Dsi-17	-	Eai-16	Eao-13	
					Ekc-29	Ekc-13	Eai-12	Eao-7	?-2		
					?-1	Dai-6	Dai-7	Cso-4	Ha-4	Hs-3	
					Dsi-14	Dso-9	Dso-6	Dso-4	Cao-9	Cai-6	
291	22	83	06/07/00	09/07/00	Bxo-6	Dao-12	-	Dao-5			
292	8	339	06/07/00	07/07/00	Bxo-2	Ha-1					
293	-23	334	06/07/00	13/07/00	?-1	Hs-1	-	Hs-4	Ha-1	Ha-2	
					Cao-4	Ax-2					
294	18	311	07/07/00	08/09/00	?-1	-	Fkc-29	Fkc-25	Fkc-49	Fkc-65	
					Fkc-49	Fkc-46	Fkc-50	Fkc-43	Fai-41	Eai-37	
					Esi-15	?-2					
					?-3	Dhi-7	Cho-5	Chi-7	Dho-5	Dho-5	
					Hh-1	Hh-1	-	Hh-1	Hs-1	Hs-1	
					?-1						
					?-1	Hs-1	Hs-1	Hs-1	Hs-5	Hs-1	
					Hr-1	Bxo-4	x	Ax-3			
295	-14	320	07/07/00	13/07/00	?-3	-	Bxi-7	x	Ha-6	x	
					Ax-2						

296	12	349	09/07/00	10/07/00	Ax-1	Hr-2					
297	21	295	09/07/00	14/07/00	?-3	Ha-1	Cao-4	Cao-3	Ax-4	Bxo-4	
<i>Table I (Continued)</i>											
298	-18	32	09/07/00	07/08/00	Eki--18	Ekc-24	Fkc-40	Fkc-20	Fai-16	?-4	
					?-1	Eai-7	Eac-17	Eai-15	Eai-18	Eao-11	
					Ha-4	Eri-12	Hr-1	Ax-4			
299	13	19	10/07/00	10/07/00	Ax-1						
300	27	284	10/07/00	17/07/00	?-1	Ha-i	Hs-1	Hs-1	Hs-2	Cao-3	
					Bxo-3	Bxo-3					
301	13	56	11/07/00	11/07/00	Dro-5						
302	3	270	11/07/00	21/07/00	Dai-5	Dai-8	Dai-10	Dai-9	Cki-13	Dao-8	
					Cso-6	Hs-1	Ils-1	Hs-2	Hs-1		
303	-12	306	11/07/00	19/07/00	Cro-3	Cai-6	Cai-8	Cao-8	Csi-8	Bxi-8	
					Cri-11	Dao-8	Bxo-2				
304	18	274	12/07/00	12/07/00	Ax-2						
305	15	255	12/07/00	21/07/00	?-4	Cai-10	Dai-12	Dki-28	Ekc-27	Eki--20	
					Eki--20	Eko-18	Eao-20	Eac-23			
306	11	246	13/07/00	14/07/00	Ax-1	Ax-1					
307	23	274	14/07/00	14/07/00	Ax-3						
308	20	288	16/07/00	07/08/00	Bxo-5	Dai-22	Dai-15	Dki-12	Cki-6	Hk-1	
					Ax-1	Ax-1					
309	20	273	16/07/00	23/07/00	Cai-13	Cai-21	Ekc-21	Eki--21	Cki-11	Csi-11	
					-	?-1					
310	-27	272	17/07/00	20/07/00	Hr-3	Dso-7	Csi-5	Ax-1			
311	-12	253	17/07/00	17/07/00	Ax-2						
312	-24	195	17/07/00	28/07/00	Hs-1	Hs-1	Hs-1	Hs-1	Hs-1	-	
					Cso-4	Hr-2	Ha-10	Ha-1	Hr-1	Ax-1	
313	23	249	18/07/00	17/08/00	Dai-11	Csi-8	Bxi-11	Eai-7	Fao-9	Fai-7	
					?-1	?-1	Ha-1	Ha-3	Ha-4	-	
					Ha-6	Ha-3	Ha-3	Ha-2	Bxo-3		
314	7	170	19/07/00	15/08/00	Dkc-10	Dkc-9	Ekc-18	-	Dkc-19	Ekc-23	
					Ekc-43	Dkc-24	Dkc-41	Dac-17	Cai-9	?-3	
					?-1	Hs-1					
315	-3	254	19/07/00	19/07/00	Ax-1						
316	24	277	20/07/00	21/07/00	Ax-2	Ax-1					
317	-31	129	23/07/00	28/08/00	Cso-4	Cao-10	Eki--10	Cho-13	Cso-5	Cso-2	
					Cso-3	Hs-1	Hs-1	Hs-1	Hs-1		
					?-1	Hs-1	Hs-1	Hs-1	Hs-1	Hs-1	
					Hs-1	Hs-1	-	Ha-1			
318	-15	129	23/07/00	28/07/00	Ax-2	Hr-2	Dsi-14	Cso-5	Hs-1	Ax-2	
319	-18	94	25/07/00	26/07/00	Hs-2	Bxo-2					
320	10	116	26/07/00	03/08/00	Hr-1	x	Cai-8	Csi-11	Dsi-13	Dai-17	
					Dao-5	Dao-7	Dao-3				
321	-22	148	28/07/00	28/07/00	Ax-2						
322	-11	146	28/07/00	30/07/00	Bxo-4	Bxo-3	Ax-1				
323	-13	118	30/07/00	30/07/00	Ax-1						
324	-7	62	30/07/00	02/08/00	Bxi-6	Ax-3	x	Bxo-5			
325	10	37	01/08/00	04/08/00	Hs-6	Cso-4	Hs-1	Hr-1			
326	13	64	02/08/00	02/08/00	lIr-3						
327	-26	62	02/08/00	05/08/00	Bxo-4	Dao-8	Dao-10	Cri-11			

328	11	332	03/08/00	30/08/00	Hh-1 Ehc-26	Cai-5 Ekc-31	Eao-20 Dhc-13	Eac-17 -	Esc-21 Dhc-8	Ehc-21 Dhc-5
<i>Table 1 (Continued)</i>										
					Ax-1					
329	-19	102	04/08/00	04/08/00	Hr-1					
330	-12	318	04/08/00	09/08/00	Ha-2	Ha-4	Ha-2	Ha-2	Ha-1	Ax-2
331	15	56	04/08/00	05/08/00	Hr-4	Ax-1				
332	19	12	05/08/00	05/08/00	Ax-3					
333	-9	19	05/08/00	07/08/00	Hr-4	Hs-2	Ax-1			
334	-13	5	05/08/00	11/08/00	Dro-6 Bxi-4	Dso-5	Dai-7	Dao-10	Cao-5	Dai-5
335	23	296	06/08/00	16/08/00	Ax-1 Ha-4	Dac-9 Ha-5	Dac-13 Ha-2	Dai-14 Ax-1	Dai-17	Cai-8
336	-34	328	06/08/00	14/08/00	Cao-3 -	Dso-4 Cro-5	Dso-3 Hr-1	Dao-2	Dao-2	Dao-2
337	-21	332	06/08/00	07/08/00	Ax-2	Ax-2				
338	13	25	07/08/00	07/08/00	Ax-2					
339	-13	44	07/08/00	09/08/00	Ax-2	Ha-1	Ha-1			
340	27	231	10/08/00	08/09/00	?-2 Dkc-26 ?-3	Dao-6 Dsc-25 ?-2	- Eac-34 Cro-3	Dai-43 Eac-39 Hr-1	Ekc-48 Eac-14	Dkc-59 Dac-10
341	-22	353	10/08/00	11/08/00	Ax-6	Ax-2				
342	-39	267	10/08/00	19/08/00	Ha-5 Dsi-9	Bxo-3 Esi-7	- Eao-3	Bxo-6 ?-1	Dri-10	Dsi-15
343	6	333	11/08/00	14/08/00	Dac-7	-	Eao-9	Eao-8		
344	13	315	11/08/00	11/08/00	Cro-5					
345	-30	242	11/08/00	11/08/00	Bxo-3					
346	13	217	13/08/00	21/08/00	Cri-8 Ax-3	Csi-6 Ax-2	Dai-8 Ax-2	Cao-13	Ax-5	Hr-5
347	-24	275	13/08/00	14/08/00	Dao-6	Bxi-7				
348	-9	267	13/08/00	13/08/00	Bxo-3					
349	-6	208	13/08/00	24/08/00	Hk-4 Hs-1	Dho-2 Hh-1	Hs-4 Ha-4	Hs-8 Hk-3	Hs-9 Ha-2	Hs-1 ?-1
350	-14	223	14/08/00	20/08/00	Bxi-16 Ax-2	Dac-20	Cai-15	Dsi-24	Dai-15	Cro-6
351	13	216	15/08/00	15/08/00	Cao-3					
352	19	197	15/08/00	20/08/00	Dai-6	x	Bxi-8	x	Hs-2	Ax-2
353	-13	232	15/08/00	21/08/00	Dac-12 Bxo-2	Dsi-16	Bxi-16	Bxi-17	Bxi-14	Cso-8
354	24	245	17/08/00	18/08/00	Hr-1	Ax-2				
355	-10	249	17/08/00	17/08/00	Bxo-6					
356	8	219	18/08/00	21/08/00	Cai-10	Cso-10	Cso-6	Ax-2		
357	8	184	18/08/00	20/08/00	Ax-1	Hr-5	Ax-5			
358	13	246	19/08/00	19/08/00	Hr-1					
359	23	139	19/08/00	19/08/00	Hr-1					
360	-11	151	19/08/00	28/08/00	Bxo-4 Dsi-6	Dao-8 Cho-3	Dsi-10 -	Dsc-12 Hs-1	Dsc-16	Dsc-8
361	9	77	22/08/00	20/10/00	Hr-1 Dac-21 ?-1	Ax-1 -	Dao-3 Eai-15 ?-7	Cao-8 Eai-21 Fkc-44	Cso-6 Dai-14 Fkc-51	- Eao-4 Fkc-58

					Fkc-112 ?-7	Fkc-30 ?-1	Fkc-53 Cao-4	- Hs-2	Ekc-27 -	Ekc-12 -
<i>Table I (Continued)</i>										
					Bxo-8					
362	15	139	23/08/00	23/08/00	Ax-3					
363	16	43	24/08/00	24/08/00	?-1					
364	37	135	25/08/00	25/08/00	Ax-2					
365	26	93	25/08/00	01/09/00	Bxi-10 Eko-12	Dsi-23 Hs-4	-	Eac-18	-	Eao-18
366	-24	63	25/08/00	25/08/00	Ax-2					
367	-19	47	25/08/00	04/09/00	Dao-4 Dso-18	Dao-8 Cao-6	- Dao-2	Eac-16 Dso-2	- Ha-2	Eac-12
368	-18	112	26/08/00	26/08/00	Ax-1					
369	-25	30	26/08/00	26/08/00	Ax-1					
370	7	360	28/08/00	08/09/00	Ha-2 Csi-10	- Ha-3	Hh-2 Hs-2	Hs-4 Ha-1	Hs-3 Hs-1	Hs-1
371	14	357	28/08/00	09/09/00	Dao-3 Eko-36 Hs-1	- Eko-19	Ekc-14 Eac-22	Ekc-23 Eac-24	Eki-22 Eac-15	Eko-12 Cao-7
372	-17	18	28/08/00	30/08/00	Ax-1	-	Ax-2			
373	-9	19	28/08/00	06/09/00	Bxo-4 Cao-7	- Ha-2	Cso-5 Hr-1	Dso-4 Ha-1	Hr-6	Cso-10
374	13	335	31/08/00	02/09/00	Ax-1	Ax-1	Ax-1			
375	7	344	31/08/00	02/09/00	Bxi-6	Cri-7	Ax-2			
376	-33	355	31/08/00	05/09/00	Ax-1	Cro-4	Bxo-4	Bxo-4	Bxo-3	Bxo-2
377	-20	68	31/08/00	31/08/00	Ax-1					
378	15	56	03/09/00	03/09/00	Ha-3					
379	-24	29	03/09/00	03/09/00	Ha-2					
380	11	18	04/09/00	04/09/00	Bxo-2					
381	-10	313	04/09/00	05/09/00	Bxi-6	Ax-3				
382	-19	326	04/09/00	11/09/00	Cai-24 Eso-8	Eai-32 ?-4	Ekc-36	Ehc-16	Ehc-13	Ekc-14
383	11	341	05/09/00	09/09/00	Bxi-11	Dao-11	Dao-9	Cai-15	Cri-4	
384	-27	256	05/09/00	07/09/00	?-2	Ax-1	Ax-1			
385	28	227	07/09/00	11/09/00	?-1	Hs-3	Dro-4	Bxo-7	Ax-2	
386	-19	260	07/09/00	09/09/00	Bxo-2	Ax-1	Bxo-5			
387	22	242	10/09/00	10/09/00	Ax-2					
388	-30	254	11/09/00	14/10/00	Ax-2 ?-2 Cai-14 Hr-2	- ?-6 Csi-7	- -	Bxo-4 Cai-10 -	Cro-6 Dsi-14 Ha-2	Cao-4 Dri-9 Dao-6
389	15	189	11/09/00	21/09/00	Ax-3 Dkc-42	- Dac-42	Ax-4 Dac-29	Dai-24 Cao-6	Dkc-36 ?-4	Dac-26
390	-35	263	13/09/00	15/09/00	Cro-9	Cro-4	Cro-3			
391	-18	233	13/09/00	14/09/00	Bxo-9	Ax-1				
392	6	191	15/09/00	20/09/00	Dro-8	Dai-6	Dai-14	Dro-11	Hr-2	Ax-1
393	-12	125	15/09/00	17/10/00	Dai-12 Ekc-57 Dao-4	Eai-16 Eac-53 Dri-9	Eai-31 Ekc-50 Dri-13	Ekc-40 -	Ekc-18 Cai-27	Dkc-58 Dkc-7

394	20	145	16/09/00	17/09/00	Ax-3	Ax-4					
395	-15	235	16/09/00	18/09/00	Bxi-6	Cro-6	?-1				
396	14	96	17/09/00	26/09/00	?-4	Eai-12	Ekc-23	Eki--9	Esi-23	Cso-13	
<i>Table I (Continued)</i>											
					Ha-7	Ha-2	Ha-3				
397	12	193	20/09/00	21/09/00	Ax-3	Ax-1					
398	-7	82	21/09/00	29/09/00	Dai-10	Dri-12	Eai-16	#AD?	Eac-22	-	
					Cso-10	Cro-3					
399	-15	25	23/09/00	02/10/00	Dao-3	-	Hs-1	Ha-2	-	Hs-1	
					Ha-4	Ha-3	Cao-4	Ax-1			
400	14	358	25/09/00	06/10/00	Dso-3	Dai-4	-	Hs-4	Hs-2	Cso-3	
					Hs-1	Ha-1	-	Cao-3	Hs-1	?-2	
401	-11	344	25/09/00	02/11/00	Ha-1	Eao-7	-	Eki--10	Eac-30	Esc-26	
					Esi-27	Eao-15	-	Fao-22	Fsc-11	Eao-8	
					?-1	Hs-1	Hs-2	Hs-1	-	Ha-3	
					Hs-2	Hs-1	Ax-2	Hr-4			
402	15	66	28/09/00	28/09/00	Ha-2						
403	-20	344	28/09/00	28/09/00	Bxo-3						
404	23	333	28/09/00	28/09/00	Ax-3						
405	-10	321	28/09/00	08/10/00	Eki--10	Ehc-17	Esi-22	Ehi-24	Cai-15	-	
					Eao-11	Hs-3	Eso-4	Dao-6	Dkc-6		
406	-21	317	28/09/00	08/10/00	Ax-2	Hr-5	Dac-11	Chi-21	Dac-11	-	
					Eac-12	Esc-25	Eai-11	HHa-4	Ha-1		
407	35	343	30/09/00	30/09/00	Bxo-4						
408	29	18	01/10/00	04/10/00	Hr-10	Cai-7	-	Dao-3			
409	-34	357	01/10/00	02/10/00	Dso-5	Ax-1					
410	35	341	02/10/00	04/10/00	Bxi-6	-	Ax-1				
411	20	261	02/10/00	02/10/00	Ax-1						
412	2	263	02/10/00	08/11/00	?-1	-	Eao-3	Esi-9	Eso-6	Csi-12	
					Csi-8	-	-	Dac-16	-	Eki--18	
					?-4	Hk-4	Hk-7	Hk-9	Hk-8	Hk-15	
					Hk-7	Hk-5	Hk-8	-	Cai-7	Ha-4	
413	15	338	04/10/00	07/10/00	Cao-4	Dso-7	Dai-5	?-3			
414	-20	344	04/10/00	04/10/00	Hr-1						
415	-14	242	04/10/00	04/10/00	Cro-2						
416	21	0	08/10/00	08/10/00	Ax-2						
417	14	186	08/10/00	13/10/00	Ax-6	-	-	Bxo-5	-	Ax-2	
418	-10	211	08/10/00	13/10/00	Ax-1	-	-	Bxi-6	-	Bxo-5	
419	7	217	11/10/00	12/11/00	Hr-1	-	Dai-9	Dro-13	Dro-8	Eai-13	
					Ha-4	Hh-1	Dho-2	Dho-2	Cao-3	Cso-2	
					-	Hs-1	Hs-1	Hs-1	Hs-1	Hs-1	
					Ha-1						
420	-14	203	11/10/00	16/10/00	Cso-6	-	Dao-7	Cro-10	Cri-8	Bxo-4	
421	-16	171	11/10/00	17/10/00	Dkc-11	Dac-14	Dro-13	Hs-4	Cao-9	Hs-3	
422	11	265	13/10/00	05/11/00	Dac-10	?-2	Hk-10	Ha-7	Dao-12	Cai-12	
					Dkc-22	Ero-20	Bxi-14	Cai-11			
423	18	149	13/10/00	13/10/00	Ax-1						
424	20	119	13/10/00	13/10/00	Bxo-2						
425	2	177	14/10/00	14/10/00	Ax-2						
426	-32	99	14/10/00	26/10/00	?-3	Bxo-4	Cai-11	Cai-15	-	-	

					Dsi-11	-	-	-	-	Hs-2
					?-2					
427	-17	78	16/10/00	20/10/00	Dao-3	Dao-10	-	-	Bxi-5	
<i>Table 1 (Continued)</i>										
428	17	58	17/10/00	27/10/00	Hs-2	-	-	Dac-23	-	-
					-	-	Dao-11	Dao-11	Ha-6	
429	-23	65	17/10/00	17/10/00	Ax-1					
430	21	120	20/10/00	20/10/00	Bxo-3					
431	15	101	20/10/00	20/10/00	Csi-9					
432	8	97	20/10/00	26/10/00	Csi-24	-	-	-	-	Hs-1
					?-1					
433	22	349	25/10/00	02/11/00	Bxo-3	Dro-10	Cro-5	-	Bxo-7	Cro-6
					Csi-7	Bxi-7	Cro-3			
434	-18	338	25/10/00	29/10/00	Dao-3	Dao-9	Cri-11	-	Ax-4	
435	-22	305	26/10/00	25/11/00	Dac-7	Dac-13	-	Dac-28	Dkc-20	Dac-24
					Dac-17	Dac-25	Dao-14	Cai-16	Eki-10	
					?-1	Hh2	Hh-1	Hs-1	Hs-1	
436	25	30	27/10/00	29/10/00	Bxo-3	-	Bxo-6			
437	-28	290	27/10/00	01/11/00	Dao-4	-	Dao-6	Cao-6	Cso-12	Bxo-7
438	17	335	29/10/00	29/10/00	Ax-2					
439	-10	276	29/10/00	08/11/00	Dao-6	Eso-5	Dko-14	Eai-30	Eao-20	Eao-9
					Hs-2	Hs-2	-	Ha-1	Hs-1	
440	20	252	01/11/00	10/11/00	Cri-9	Dkc-26	Ehi-11	Eao-9	Eho-22	-
					Eki-09	Hh-2	Hk-2	Hk-2		
441	-25	330	01/11/00	04/11/00	Bxi-7	Dao-3	Ha-1	Ax-2		
442	6	209	03/11/00	05/11/00	Bxo-4	Bxo-6	Cao-5			
443	-28	289	03/11/00	05/11/00	Csi-8	Cri-11	Hr-1			
444	-13	176	04/11/00	15/11/00	?-1	Ha-3	-	Dao-14	Cao-11	Ha-10
					Hs-5	Cao-10	Ha-7	Ha-3	Hs-3	Ax-2
445	17	270	05/11/00	08/11/00	Dai-11	-	Dso-2	Ha-1		
446	-15	163	05/11/00	16/11/00	?-1	-	Dsi-7	Hs-3	Hs-1	Hs-2
					Hs-2	Ha-8	Ha-3	Ha-5	Cro-4	Ha-5
447	10	293	07/11/00	25/11/00	Dso-4	?-2	?-5	Dac-6	Cki-3	Hh-3
448	30	269	07/11/00	08/11/00	Hs-2	Bxo-4				
449	-21	223	07/11/00	12/11/00	Ha-3	Bxi-10	Hr-6	Cro-6	Cao-5	Ha-1
450	-14	145	07/11/00	05/12/00	Ha-2	Cao-11	Eac-21	Eao-13	Eac-11	Eai-15
					Cai-20	Ekc-9	Eko-9	Cko-7	Hk-3	Dao-4
					Hr-2					
451	12	214	08/11/00	12/11/00	Cro-8	Cri-5	Cao-8	Ha-2	Ax-1	
452	21	152	08/11/00	08/11/00	Ax-2					
453	4	208	10/11/00	10/11/00	Cao-4					
454	21	151	10/11/00	10/11/00	Ax-3					
455	16	109	10/11/00	10/11/00	Ax-1					
456	6	96	10/11/00	21/11/00	?-2	Hs-2	Ha-2	Cao-6	Cao-4	Ha-3
					Cso-6	Cso-2	Ha-1	Ha-2	Hr-3	Ax-1
457	25	56	13/11/00	22/11/00	?-2	Dso-3	Eso-5	Dao-8	Cao-7	Ha-4
					Hr-6	Cro-9	Cso-4	Ax-5		
458	-24	63	13/11/07	21/12/00	?-3	Ekc-10	Fsi-11	Fkc-33	Fki-22	Fao-41
					Fao-30	Fki-48	Fki-25	Fkc-31	Fac-41	Fkc-11

					Ha-1	Hs-1	Dao-7	Cao-5	Dac-20	Eao-12
					Eac-10	Dac-13	Dac-17	-	-	Eao-4
459	20	159	14/11/00	15/11/00	Ha-3	Bxo-4				
460	13	121	15/11/00	15/11/00	Bxo-2					
<i>Table 1 (Continued)</i>										
461	20	80	15/11/00	15/11/00	Ax-2					
462	13	41	15/11/00	22/11/00	Hr-1	Hr-2	Cso-2	Hs-1	Ha-1	Hr-2
					Hs-1	Ax-2				
463	14	33	16/11/00	25/11/00	Hr-2	Csi-8	Dac-23	Eac-16	Eao-26	Fac-21
					Fac-19	Dac-10	Hr-3	Cro-5		
464	19	86	17/11/00	22/11/00	Ax-1	Cao-5	Dro-15	Cao-9	Bxo-9	Bxo-4
465	21	356	18/11/00	05/12/00	?-4	Ek-5	Ek-9	Ek-7	Fkc-20	Ek-23
					Fko-20	Dkc-15	?-2			
466	-23	44	20/11/00	21/11/00	Bxo-3	Ha-4				
467	20	20	23/11/00	24/11/00	Eao-10	Bxo-3				
468	-17	337	24/11/00	24/11/00	Bxo-3					
469	-5	302	24/11/00	24/11/00	Ax-1					
470	23	274	25/11/00	25/11/00	Ax-1					
471	5	223	05/12/00	10/12/00	Hr-2	-	-	Cro-4	Hr-1	Bxi-3
472	10	166	05/12/00	12/12/00	Cao-5	-	-	Dai-8	Dsi-10	Cai-6
					Hr-3	Hs-2				
473	-12	250	05/12/00	08/12/00	Cso-5	-	-	?-1		
474	19	151	08/12/00	10/12/00	Hr-2	Cro-4	Bxo-2			
475	14	91	08/12/00	18/12/00	Dao-2	Dao-4	Eac-8	Cri-9	Eac-15	Cro-10
					Cri-24	Bxi-7	Cro-6	Cri-7	Dri-5	
476	10	218	10/12/00	10/12/00	Dao-4					
477	18	62	10/12/00	16/12/00	?-1	Ha-1	Ha-1	Hr-1	Ha-1	Hr-1
					Cro-2					
478	24	131	11/12/00	16/12/00	Hr-1	Cao-3	Bxo-2	Dac-9	Dso-3	Cro-4
479	8	83	11/12/00	18/12/00	Bxo-2	Dac-14	Eac-11	Ek-40	Dai-10	Eao-6
					Csi-7	Cso-5				
480	-9	84	12/12/00	12/12/00	Ha-3					
481	14	30	13/12/00	18/12/00	Ax-1	Ha-3	Dao-7	Dro-6	Dao-9	Dro-9
482	-18	19	13/12/00	25/12/00	?-1	Hs-1	Hs-1	Hs-1	Hs-1	Hs-1
					-	-	Hs-2	Hs-2	-	Hs-1
					Hs-1					
483	20	152	14/12/00	14/12/00	Ha-2					
484	12	62	14/12/00	17/12/00	Dao-7	Csi-7	Cri-4	Bxo-2		
485	11	37	14/12/00	15/12/00	Ax-2	Hr-1				
486	-21	109	14/12/00	17/12/00	Hr-4	Cso-4	Bxi-4	Ax-1		
487	16	101	15/12/00	18/12/00	Hr-1	Ax-1	Ax-1	Hr-1		
488	21	87	15/12/00	17/12/00	Hr-3	Dro-4	Bxo-3			
489	20	357	15/12/00	18/12/00	?-2	Hr-3	Hr-1	Bxo-4		
490	9	340	17/12/00	24/12/00	?-3	Dao-8	-	-	Dao-18	Dac-7
					-	Ax-2				
491	-14	115	17/12/00	18/12/00	Dao-5	?-4				
492	-12	328	18/12/00	29/12/00	?-2	-	-	Fsc-8	Cso-6	-
					Cso-5	Hs-1	Hs-1	Hs-1	Hs-2	?-1
493	9	300	21/12/00	31/12/00	Ek-16	Ek-17	-	Ek-50	Eac-32	Eac-42
					Ehc-24	Esc-17	Esc-11	Esc-5	Esc-10	

494	4	296	21/12/00	22/12/00	Hr-2	Ax-1					
495	22	277	21/12/00	30/12/00	Ha-1	Ha-1	-	Hs-1	Hs-1	Hs-1	
					Ha-2	Hs-1	Hs-3	Ha-2			
496	6	330	22/12/00	22/12/00	Ha-5						
<i>Table 1 (Continued)</i>											
497	10	29	24/12/00	24/12/00	Bxo-2						
498	31	358	24/12/00	24/12/00	Bxo-3						
499	7	249	24/12/00	30/12/00	Cri-4	Bxo-7	Dac-13	Cri-14	Cso-4	Csi-6	
					Cro-6						
500	-12	259	24/12/00	31/12/00	Ha-14	Dai-15	Dai-26	Dro-17	Eko-29	Esi-16	
					Dao-16	Dso-5					
501	-21	255	24/12/00	24/12/00	Bxo-2						
502	-26	336	25/12/00	25/12/00	Ax-1						
503	-16	236	25/12/00	26/12/00	Bxo-4	Dso-13					
504	-21	255	26/12/00	26/12/00	Hs-2						
505	-7	201	27/12/00	31/12/00	Dkc-5	Ekc-11	Ekc-26	Ekc-26	Ekc-28		
506	30	237	28/12/00	31/12/00	Cao-9	Dai-20	Csi-12	Dao-7			
507	-11	310	28/12/00	28/12/00	Bxo-3						
508	-12	210	29/12/00	31/12/00	Cao-5	Cao-8	Cai-10				
509	24	169	30/12/00	30/12/00	Ha-1						

TABLE II

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	4,18 HE	8,26 SB	10,107 AK	17,151 HE	9,49 TA	11,75 TÇ	12,53 SB	7,47 İÇ	11,71 TÇ	7,92 AK	9,101 TÇ	-
2	-	4,23 AK	9,69 TÇ	20,168 SB	-	-	15,78 TÇ	11,66 AK	10,38 AK	11,66 TÖ	11,120 İÇ	-
3	-	7,30 TÇ	-	14,88 TÖ	7,32 AK	8,67 AK	12,72 HE	9,35 İÇ	10,71 AK	-	10,76 AK	-
4	7,32 SB	-	-	-	6,27 TÇ	9,89 AK	10,52 İÇ	11,37 AK	9,62 AÖ	11,72 TA	10,69 TÖ	-
5	-	8,49 AK	9,80 TÖ	12,79 AK	9,26 SB	7,40 TA	13,77 AK	15,86 HE	9,76 TÖ	7,70 SB	11,76 TÇ	5,16 SB
6	-	11,63 TA	-	12,52 TÇ	3,9 TÖ	8,72 İÇ	12,76 TÖ	13,49 NA	9,80 MB	8,45 HE	-	-
7	-	10,61 İÇ	9,69 İÇ	6,26 SB	4,21 TÇ	8,102 AK	14,70 NA	14,70 NA	9,48 NA	6,40 MB	-	-
8	-	10,73 SB	11,120 AK	7,36 AÖ	-	9,105 TÇ	10,60 İÇ	10,60 İÇ	8,44 TÖ	7,31 AK	10,52 SB	5,17 AK
9	-	9,57 HE	11,116 TÇ	11,47 TA	8,51 İÇ	10,98 TA	12,172 AK	10,66 AK	5,28 TÖ	-	13,60 TÇ	4,19 MB
10	-	-	-	9,53 TA	8,66 AK	8,83 HE	13,114 HE	12,86 İÇ	3,17 MB	-	11,48 AK	8,26 AK
11	-	-	-	9,84 AK	10,84 SB	11,136 TA	14,204 İÇ	15,63 NA	4,11 TA	7,47 TÇ	7,33 SB	6,17 TÖ
12	7,74 AK	-	-	12,102 SB	12,102 SB	10,93 TÖ	13,156 AK	18,121 AK	-	-	7,35 TA	7,43 SB
13	-	10,36 TÖ	7,69 TÖ	-	11,87 TA	11,120 İÇ	13,129 TÖ	-	4,26 AK	11,78 AK	6,37 TÖ	7,31 TÇ
14	9,84 TÖ	12,55 HE	-	13,51 SB	14,137 AK	14,137 AK	12,100 NA	20,127 AK	4,35 TA	9,58 HE	8,37 SB	11,113 İÇ
15	12,94 HE	-	7,63 TÖ	11,54 TA	13,105 TÇ	13,105 TÇ	8,140 AK	13,136 İÇ	5,63 MB	6,38 TÇ	10,43 TÇ	12,61 AK
16	12,108 TA	9,27 AK	-	-	14,135 SB	11,135 TÖ	11,135 TÖ	12,93 SB	6,59 TÖ	7,61 MB	9,63 İÇ	12,51 TÇ
17	-	8,54 TÇ	-	10,31 HE	11,182 AK	-	14,165 HE	12,115 AK	6,101 TA	8,62 SB	7,45 AK	12,53 TÖ
18	7,40 AK	-	-	8,31 İÇ	8,121 AK	12,132 AK	13,210 İÇ	10,89 TÇ	6,113 HE	-	8,83 AK	10,56 MB
19	7,34 TÇ	4,74 AK	-	9,46 AK	8,103 TA	10,70 HE	17,210 AK	14,90 AK	5,136 İÇ	7,83 AK	8,109 TA	-
20	7,56 AK	-	11,133 TA	-	9,138 TÖ	11,100 İÇ	17,153 TÖ	11,52 SB	6,131 SB	-	9,73 SB	7,49 İÇ
21	-	-	-	-	8,176 SB	13,94 AK	16,166 NA	8,34 SB	6,148 SB	-	8,88 TÇ	7,39 AK
22	-	-	10,125 AK	11,100 AK	10,82 TÖ	10,83 TÇ	-	6,28 İÇ	6,136 TÇ	-	6,91 İÇ	-
23	8,18 TÖ	-	-	13,168 SB	13,152 AK	15,83 SB	13,125 NA	6,34 TÇ	5,188 SB	-	8,45 AK	13,84 TA
24	-	-	15,109 AK	8,136 İÇ	-	15,125 AK	12,108 TÖ	7,23 İÇ	-	6,21 TÇ	6,29 TÇ	9,63 TÖ
25	3,15 AK	10,43 SB	16,114 TÖ	-	-	10,82 SB	12,182 İÇ	9,44 SB	7,65 MB	8,46 İÇ	-	7,87 SB
26	7,26 TÇ	12,107 TA	10,104 AK	-	13,94 SB	12,64 TÖ	11,82 AK	8,44 SB	26,98 İÇ	7,43 MB	-	7,63 TÇ
27	4,31 HE	8,30 TA	12,101 İÇ	-	8,87 TÇ	-	9,81 AK	-	10,77 SB	-	-	8,76 AK
28	6,22 HE	11,108 İÇ	12,102 SB	-	11,61 HE	10,107 AK	14,43 NA	10,68 TÇ	9,73 TÇ	10,76 TA	-	8,89 AK
29	6,21 SB	-	13,119 TÇ	8,66 TA	10,54 HE	10,69 TÇ	10,31 TÖ	-	7,76 HE	7,53 TÖ	-	8,76 AK
30	6,25 İÇ	-	12,110 SB	7,48 AK	8,69 İÇ	-	11,36 NA	9,70 AK	-	8,76 SB	-	5,54 AK
31	-	-	-	-	-	8,54 AK	12,94 AK	-	-	-	-	-

TABLE III

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	58	106	207	321	139	185	173	117	181	162	191	-
2	-	63	159	338	-	-	228	176	138	176	230	-
3	-	100	-	228	102	147	192	125	171	-	176	-
4	102	-	-	-	87	179	152	147	152	182	169	-
5	-	129	170	199	116	110	207	236	166	140	186	66
6	-	173	-	172	39	152	196	179	170	125	-	-
7	-	161	159	86	61	182	170	210	138	100	152	-
8	-	173	230	106	-	195	-	160	124	101	193	67
9	-	147	226	157	131	198	292	166	78	-	137	59
10	-	-	-	143	146	163	244	206	47	-	158	106
11	-	-	-	-	184	246	344	213	51	117	103	77
12	144	-	-	174	222	193	286	301	-	-	105	115
13	-	136	139	-	197	230	159	-	66	188	98	101
14	174	175	-	181	215	277	220	327	75	148	117	223
15	214	-	133	164	241	235	220	266	113	98	143	181
16	228	117	-	-	-	275	245	213	119	131	153	171
17	-	134	-	131	292	-	305	235	161	142	115	173
18	-	-	-	121	201	252	340	189	173	-	163	156
19	110	114	-	136	183	170	380	230	186	-	145	-
20	104	-	243	-	228	210	323	162	191	153	189	-
21	126	-	-	-	256	224	326	114	108	-	163	119
22	-	-	225	210	192	183	-	88	196	-	168	109
23	98	-	298	282	233	233	255	94	238	-	151	-
24	-	-	259	216	-	275	228	93	-	-	125	214
25	-	143	274	-	-	182	302	134	135	81	89	153
26	45	-	244	-	224	184	192	124	198	126	-	157
27	96	227	207	-	167	-	171	-	-	113	-	133
28	71	110	221	-	171	207	183	168	177	-	-	156

Table III (continued)

29	82	218	222	-	154	169	131	-	163	176	-	169
30	81	249	249	146	149	-	146	160	146	123	-	156
31	85	230	230	118	118	134	134	214	159	159	104	104
Mean	59	81	122	118	145	175	218	163	129	88	121	96

TABLE IV

Evolution Type	A	B	C	D	E	F	H	?	Total
Number of Groups	248	167	368	475	274	103	562	147	2344
Percentage of Numbers	10,6	7,1	15,7	20,3	11,7	4,4	24,0	6,3	100

Öbservers : TA : Tansel Ak
 NA : Nuroi Al
 MB : Mevlana Başal

SB : Selçuk Bilir
 TÇ : Taşkın Çay
 İÇ : İpek Çay

HE : Hasan Esenoğlu
 AK : Ali Kılıçık
 AO : Adnan Ökten

TÖ : Tuncay Özişik